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Bulletin 178 **MARCH, 1916**

NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION
DEPARTMENT OF CHEMISTRY

Analysis of Feeding-Stuffs

MADE FOR THE

STATE DEPARTMENT OF AGRICULTURE

BY B. E. CURRY AND T. O. SMITH

NEW HAMPSHIRE COLLEGE
OF
AGRICULTURE AND THE MECHANIC ARTS
DURHAM, N. H.

FEEDING-STUFFS INSPECTION AND ANALYSES, 1916.

The samples of the various brands of feeding-stuffs for the 1916 inspection were collected by Mr. A. G. Weeks under the direction of Mr. Andrew L. Felker, Commissioner of Agriculture. Aside from duplicates, 313 samples were received and analyzed by the Experiment Station. Samples representing duplicates are not reported in this bulletin.

Since the last Feeding-Stuffs Inspection Report, Bulletin 175, was issued, additional information has come to hand in connection with the cottonseed meal situation discussed therein. In that report it was stated that D. Whiting & Sons at Claremont had purchased two lots of Dixie Brand cottonseed meal, had been entitled to secure certain rebates, and had rebated to their customers an amount less than they had been entitled to receive from the Humphreys-Godwin Co. We are now informed by D. Whiting & Sons that they rebated to their customers all the rebates they received from Humphreys-Godwin Co., and did so before they knew of any investigation or intended prosecution on the part of the Commissioner of Agriculture. We have the further information that these lots of cottonseed meal were purchased on the basis of 41% protein and rebates were made on this basis. Rebates were made on the assumption that one lot contained 35% and the other 38% protein. D. Whiting & Sons have further informed us that these lots of cottonseed meal were not sold to contain 38.62% protein after they received a report of analyses from the shippers and the New Hampshire Experiment Station.

The Experiment Station is still receiving requests to analyze lots of Dixie brand cottonseed meal, but has refused to referee the difference between 38.62% and 41% when the results are not of general public interest, or, in

other words, when the results are not equally useful for the consumer, dealer, and jobber. This applies to any brand of cottonseed meal or any other feeding-stuff sold with two guarantees.

A statement of the ingredients of compounded feedstuffs as certified by the manufacturer will be found on pages 14 to 16.

Messrs. A. J. Grant, C. B. Tibbits, P. S. Willand, and E. S. Sanders have assisted in the preparation of the following data.

Copies of this report will be sent free upon request to the Director of the New Hampshire Agricultural Experiment Station, Durham, or to the Commissioner of Agriculture, Concord, N. H.

Name of Sample.	Manufactured by	Address.	Protein.		Fat.		Crude Fibre.	
			Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.
WHEAT FEEDS.								
Bran	Anstead & Burk Co	Springfield, Ohio	16.11	14.00	4.00	3.00	.....	11.50
Middlings	Anstead & Burk Co	Springfield, Ohio	16.80	14.50	4.54	4.00	.....	7.50
Mixed Feed	Anstead & Burk Co	Springfield, Ohio	17.86	14.50	3.98	3.50	.....	11.00
Ohio Farm Feed	Anstead & Burk Co	Springfield, Ohio	14.89	13.00	4.12	5.00	6.60	11.00
Atlas Wheat Bran	Atlas Flour Mills Co	Milwaukee, Wis.	14.63	13.00	4.32	3.00	.....	11.00
Atlas Wheat Flour Middlings	Atlas Flour Mills Co	Milwaukee, Wis.	15.76	14.00	5.15	3.00	.....	7.00
Standard Wheat Middlings	Atlas Flour Mills Co	Milwaukee, Wis.	14.20	13.50	4.34	3.50	.....	10.50
Bailey's Fancy Feed	E. W. Bailey & Co	Montpelier, Vt.	16.11	16.00	4.28	3.75	7.86	8.50
Red Dog	Bay State Milling Co	Winona, Minn.	14.98	18.00	4.31	4.05	.....	2.50
Winona Wheat Middlings	Bay State Milling Co	Winona, Minn.	16.73	17.00	5.46	5.00	.....	8.00
Pure Wheat Bran Flakes	Barber Milling Co	Minneapolis, Minn.	14.28	13.00	4.74	4.00	.....	13.00
Pure Wheat Middlings	Barber Milling Co	Minneapolis, Minn.	16.55	14.00	5.61	4.00	.....	8.00
Favorite Feed	Britton Milling Co	.....	14.49	14.40	5.66	4.70	7.10	7.00
Onward Fancy Mixed Wheat Feed	A. H. Brown & Bros	Boston, Mass	16.38	17.00	5.13	5.00	.....	10.00
C. V. Wheat Bran	Cannon Valley Milling Co	.....	14.54	16.10	5.73	4.00	.....	14.60
Poland Wheat Standard Middlings	George E. Christian	Minneapolis, Minn.	16.45	14.00	5.29	4.00	.....	9.50
Commander Wheat Bran	Commander Mill Co	Minneapolis, Minn.	14.80	14.00	4.93	4.00	.....	11.00
Mixed Feed	Wm. A. Coombs Milling Co	Coldwater, Mich.	16.00	15.00	4.41	4.50	.....	10.00
Wheat Bran	Wm. A. Coombs Milling Co	Coldwater, Mich.	14.80	14.00	4.11	3.00	.....	10.00
Wheat Middlings	Wm. A. Coombs Milling Co	Coldwater, Mich.	16.03	15.00	4.20	3.00	.....	8.00
Dudley Wheat Bran	Chas. M. Cox Co	Boston, Mass.	15.33	15.50	5.41	4.00	.....	9.00
Wirthmore Middlings	Chas. M. Cox Co	Boston, Mass.	15.72	15.00	5.32	4.00	6.74	7.00
Wirthmore Wheat Feed	Chas. M. Cox Co	Boston, Mass.	14.63	16.00	5.27	4.00	7.98	7.00
Dean's Special Mixed Feed	Geo. E. Dean	Rochester, N. H.	15.83	16.00	5.21	4.00	.....	7.00
Tiger Pure Wheat Middlings	Detroit Milling Co	Detroit, Mich.	15.94	17.00	4.79	5.00	.....	7.00
Duluth Imperial Bran	Duluth Superior Milling Co	Duluth, Minn.	14.85	14.50	5.57	3.75	.....	12.25
Boston Mixed Feed	Duluth Superior Milling Co	Duluth, Minn.	15.59	15.00	5.02	4.25	.....	9.75
Pure Mill Feed	Eldred Mill Co	Jackson, Mich.	15.06	14.57	4.41	4.37	7.16	9.62
E-A-Co. Mixed Feed	Everett, Aughenbaugh & Co	Waseca, Minn.	16.29	15.00	5.62	3.00	.....	12.00
E-A-Co. Wheat Bran	Everett, Aughenbaugh & Co	Waseca, Minn.	14.80	14.00	5.21	3.00	.....	12.00

WHEAT FEEDS.—*Continued.*								
Dairy Maid (winter wheat) Middlings	Federal Milling Co.	Lockport, N. Y.	15.68	13.50	4.88	4.00	.....	9.00
Dairy Maid Mixed Feed (winter wheat)	Federal Milling Co.	Lockport, N. Y.	14.40	13.50	4.40	3.00	.....	11.00
Lucky (spring wheat) Bran	Federal Milling Co.	Lockport, N. Y.	14.63	13.00	5.66	2.50	.....	14.00
Lucky (spring wheat) Flour Middlings	Federal Milling Co.	Lockport, N. Y.	16.11	14.00	6.20	3.50	.....	10.00
Sphinx Fancy Spring Wheat Flour Middlings	Federal Milling Co.	Lockport, N. Y.	15.24	14.00	5.30	3.50	.....	10.00
Garland Mixed Feed	Garland Milling Co.	Greensburg, Ind.	16.80	15.25	4.75	3.75	.....	9.00
Bran	Grafton Roller Mill Co.	Grafton, N. Dak.	15.24	15.80	5.07	4.00	.....	11.90
Improved Grafton Wheat Feed	Grafton Roller Mill Co.	Grafton, N. Dak.	16.55	15.04	4.51	4.50	.....	9.30
Wheat Red Dog	Great Northern Flour Mills Co.	.....	15.50	17.00	5.46	5.00	.....	4.00
Xtragood Mixed Feed	Griswold & Mackinnon	St. Johnsbury, Vt.	16.03	16.00	4.30	4.00	.....	7.50
Gwinn's Dairy Feed	The Gwinn Milling Co.	Columbus, Ohio.	16.16	16.00	5.39	4.00	6.48	7.00
Gwinn's Red Dog Flour	The Gwinn Milling Co.	Columbus, Ohio.	15.59	.....	4.13	.....	.....	.....
Gwinn's Wheat Bran	The Gwinn Milling Co.	Columbus, Ohio.	15.59	15.00	4.13	4.00	9.82	8.00
Gwinn's Wheat Middlings	The Gwinn Milling Co.	Columbus, Ohio	16.81	16.00	5.23	4.00	.....	8.00
Red Dog	Hecker-Jones-Jewell Milling Co	Buffalo, N. Y.	16.85	16.75	5.23	5.00	.....	5.25
Hoffer's Pure Wheat Bran	John Hoffer Flouring Mill Co.	.....	16.73	14.00	3.72	4.00	.....	11.00
Dreadnought Extra Coarse Wheat Bran	Hunter, Robinson, Wing Mill Co	St. Louis, Mo	17.78	15.50	3.69	4.00	7.87	11.00
Jenk's Wheat Mixed Feed	The Huron Milling Co.	Harbor Beach, Mich.	14.80	12.18	4.40	4.00	8.12	5.85
Kehlor's Mill Feed	Kehlor Flour Mills Co.	St. Louis, Mo	18.21	15.00	4.04	4.00	8.23	8.00
Palace Bran	Kehlor Flour Mills Co.	St. Louis, Mo	15.78	14.50	4.31	4.00	.....	10.00
Anchor Bran	Kemper Mill & Elevator Co.	Kansas City, Mo.	17.08	14.50	3.94	4.00	.....	10.00
Crescent Mixed Feed	Kemper Mill & Elevator Co.	Kansas City, Mo.	16.15	16.00	3.94	4.00	.....	10.00
Elmco Wheat Fancy Bran	Listman Mill Co.	Lacrosse, Wis.	13.58	15.89	4.34	3.88	.....	12.16
Elmco Wheat Fancy Mixed Feed	Listman Mill Co	Lacrosse, Wis.	15.85	15.55	4.66	4.09	.....	9.15
Waseco Bran	Lyon & Greenleaf.	Wauseo, Ohio	15.15	14.50	3.80	4.00	9.46	9.50
Waseco Mixed Feed	Lyon & Greenleaf.	Wauseo, Ohio	15.10	15.00	3.90	4.00	5.92	8.00
Bran	McQuesten & Lewis	Manchester, N. H.	14.20	.....	3.92	.. ..	6.80	.....
Manchester Middlings	McQuesten & Lewis	Manchester, N. H.	12.34	.....	2.81	.....	.....	.....
Wheat Bran	Maple Leaf Milling Co	Toronto, Can.	15.59	15.50	5.65	4.50	.....	12.00
Wheat Shorts	Marshall Milling Co.	Marshall, Minn.	16.73	17.00	5.66	5.04	.....	9.44
Wheat Bran	Morris City Mills	Morris, Minn.	15.06	15.70	5.41	4.40	.....	.....
Choice Wheat Big B. Bran	Morseley & Motley Milling Co.	.....	14.80	14.00	5.40	3.00	.....	13.00
Wheat Middlings	Morseley & Motley Milling Co.	.....	15.85	15.00	5.46	4.50	.....	10.00
Highest Quality Pennant Feed	The National Milling Co.	Toledo, Ohio.	16.38	16.00	4.27	3.75	6.07	8.50
Osota Feed	The National Milling Co.	Toledo, Ohio.	15.98	17.00	5.21	4.50	.....	8.00
Wheat Bran	The National Milling Co.	Toledo, Ohio.	14.71	16.50	5.37	5.50	.....	12.50
Choice Wheat Bran	Niagara Falls Milling Co.	Niagara Falls, N. Y.	15.20	14.00	5.42	3.00	.....	13.00
Choice Wheat Perfect Mixed Feed	Niagara Falls Milling Co.	Niagara Falls, N. Y.	15.50	15.00	5.20	3.00	.....	10.50

Name of sample.	Manufactured by	Address.	Protein.		Fat.		Crude Fibre.	
			Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.
WHEAT FEEDS.—*Continued.*								
Planet Feed	Northwestern Consol. Mill Co.	Minneapolis, Minn..	15.59	15.00	5.64	4.00	.....	8.00
Pure Wheat Bran	Northwestern Consol. Mill Co.	Minneapolis, Minn..	15.50	14.50	4.00	4.00	.....	11.00
Wheat Flour Middlings	Northwestern Consol. Mill Co.	Minneapolis, Minn..	15.88	15.50	6.48	4.50	.....	6.00
Wheat Mixed Feed	Northwestern Consol. Mill Co.	Minneapolis, Minn..	15.59	15.00	5.64	4.50	.....	10.00
Wheat Standard Middlings	Northwestern Consol. Mill Co.	Minneapolis, Minn..	15.14	15.00	6.89	4.50	.....	11.00
XXX Comet	Northwestern Consol. Mill Co.	Minneapolis, Minn..	17.80	16.50	6.42	4.00	.....	3.00
Fancy Wheat Bran	Ogilvie Flour Mills Co., L'td...	.....	14.45	15.00	5.50	4.00	.....	10.00
Middlings	Ogilvie Flour Mills Co., L'td...	.....	16.73	15.00	5.51	5.00	.....	8.00
Ogilvie Wheat Bran	Ogilvie Flour Mills Co., L'td...	.....	14.54	.....	5.79	.....	.....	.....
Fancy Bran	Osakis Milling Co	Osakis, Minn	14.98	15.00	5.14	4.00	.....	11.00
Pillsbury's Durum Wheat Bran	Pillsbury Milling Co	Minneapolis, Minn..	11.91	11.00	5.64	4.00	13.52	14.00
Pillsbury's Fancy Wheat Mixed Feed	Pillsbury Milling Co	Minneapolis, Minn..	16.20	16.00	5.29	4.50	.....	9.00
Pillsbury's Wheat A Middlings	Pillsbury Milling Co	Minneapolis, Minn..	16.20	15.00	5.62	4.50	.....	7.00
Pillsbury's Wheat Bran	Pillsbury Milling Co	Minneapolis, Minn..	15.15	14.50	5.10	4.00	.....	12.00
Pillsbury's Wheat Standard B Middlings	Pillsbury Milling Co	Minneapolis, Minn..	15.33	15.00	5.84	4.50	.....	10.00
Pillsbury's XX Dairy	Pillsbury Milling Co	Minneapolis, Minn..	17.03	17.00	5.04	4.50	.....	4.00
Champion Mixed Feed	Portland Milling Co	Portland, Mich.....	13.84	13.56	4.43	.....	.....	8.47
Seal of Minnesota Wheat Bran	Prague Flouring Mill Co	.....	14.71	14.50	4.78	4.00	.....	11.00
Bran	Quaker City Flour Mills Co	Philadelphia, Pa	14.36	13 00	3.72	3.00	.....	10.50
Bell Cow Bran	Quaker Oats Co	Chicago, Ill	15.33	15.30	5.53	5 50	9.65	7.60
Buckeye Feed	Quaker Oats Co	Chicago, Ill	17.69	15.50	4.91	4.50	7.86	8.50
Bran	Russell-Miller Milling Co	Minneapolis, Minn..	14.89	13.00	6.03	4 00	.....	11.00
Flour Middlings	Russell-Miller Milling Co	Minneapolis, Minn .	17.08	16.00	5.33	5.00	.....	6.00
Occident Wheat Feed	Russell-Miller Milling Co	Minneapolis, Minn..	15.68	15.00	5.75	4.50	.....	10.00
Standard Middlings	Russell-Miller Milling Co	Minneapolis, Minn..	17.07	15.00	5.46	4.00	.....	9.00
Bixota Wheat Bran	Red Wing Milling Co	.....	14.10	14.10	5.44	4 10	.....	12.70
Richardton Mixed Feed	Richardton Roller Mills	.....	14.54	16.70	4.90	3.70	.....	9.20
Snow Flake Mixed Feed	Roller Mills Co	Lawrnceburg, Ind...	17.00	15.29	4.27	4.30	.....	8.00
Royal Wheat Mixed Feed	Royal Milling Co	Great Falls, Mont..	16.11	16.00	4.74	3.50	.....	8.00
Gold Mine Feed	Sheffield-King Milling Co	Minneapolis, Minn..	16.11	15.90	4.76	4.90	7.04	8.98
Wheat Bran and Screenings	ShellabargerMill&ElevatorCo.	.....	17.34	14 50	3.98	3.50	.....	10.00
Shredded Wheat Waste	The Shredded Wheat Co	Niagara Falls, N. Y.	11.21	10.00	1.74	1.50	.....	2.00

WHEAT FEEDS.—*Continued.*								
Bran, Pure Wheat	Sleepy Eye Flour Mills Co... ..	Minneapolis, Minn..	15.15	14.50	4.46	4.30	....	10.50
Try-Me Winter Mixed Feed	Sparks Milling Co	Alton, Ill	16.03	16.00	4.30	3.50	.....	8.00
Star Wheat Bran	Star & Crescent Milling Co....	.....	15.20	15.00	4.54	4.00	.....	10.00
Bran	F. W. Stock & Sons	Hillsdale, Mich	14.54	14 00	4.55	3.00	.....	10.00
Middlings	F. W. Stock & Sons	Hillsdale, Mich	16.55	16.50	5.76	4.00	.....	6.00
Monarch Fancy Wheat Feed	F. W. Stock & Sons	Hillsdale, Mich	15.15	16 00	5.25	4 00	... .	10 00
Superior Wheat Feed and Flour..	F. W. Stock & Sons	Hillsdale, Mich	15.76	16 00	4.87	4.50	6.26	7.00
Spring Wheat Bran	David Stott Flour Mills, Inc...	Detroit, Mich	15.24	16.00	4.81	4 00	.....	10.00
Stag Flour	David Stott Flour Mills, Inc....	Detroit, Mich	15.06	15.00	3.05	1.50	.....	3.00
Stott's Heavy Pure Mixed Wheat Feed	David Stott Flour Mills, Inc....	Detroit, Mich	15.85	16.00	4.42	4 50	.....	9.00
Stott's Honest Mixed Feed	David Stott Flour Mills, Inc....	Detroit, Mich	16.11	16 50	5.25	5 00	.....	8.00
Stott's Pennant Pure Wheat Middlings	David Stott Flour Mills, Inc....	Detroit, Mich	16.03	17.00	5.28	5.00	.....	7 00
Fancy Bran	Stratton & Co	Concord, N. H	15.33	15.00	4.38	4.00	... .	11 00
Middlings	Stratton & Co	Concord, N. H	16.20	16.20	4.47	4 26	.....	6.50
Mixed Feed	Stratton & Co	Concord, N. H	15.68	14 00	4 67	4 00	... .	9.00
Mixed Feed	Stratton & Co	Concord, N. H	15.94	15.87	4 65	4.92	.....	9.12
Wheat Bran	Tennant & Hoyt Co	Lake City, Mich	14.36	14 00	4.80	4.00	.....	11.00
Winter Wheat Bran	Thompson Milling Co	.....	13.14	13.00	4.13	4.00	.....	14.00
Nokomos Durum Wheat Bran	Xerxa Andrews Thurston	.....	13.40	13 12	4.93	5 50	12.87	13 00
Chippewa Fancy Middlings	Traders & Producers Supply Co.	.....	17.34	16.00	6.19	5.50	.....	10.00
Valier's Wheat Bran	Valier & Spies Milling Co	.....	17.69	14.50	4 30	3 50	.....	10.00
Farmers' Favorite Choice Wheat Bran	Valley City Milling Co	Grand Rapids, Mich.	15.33	15 92	4.47	3.90	.....	9.75
Farmers' Favorite Cow Feed	Valley City Milling Co	Grand Rapids, Mich.	14.63	16 80	4.69	4.40	7 63	7.93
Farmers' Favorite Wheat Stand. Middlings	Valley City Milling Co..... ..	Grand Rapids, Mich.	14.98	15 22	4.86	4.50	.....	5.50
Victor Spring Wheat Mixed Feed	Victor Milling Co.	Victor, N. Y	15.33	15.00	5.86	4.50	.....	10.00
Pure Crescent Middlings	Voigt Milling Co	Grand Rapids, Mich.	15.59	15.00	4.27	4.00	.....	8.00
Voigt's Pure Bran	Voigt Milling Co	Grand Rapids, Mich.	15.08	15 00	3.85	3.50	.....	11.00
Voigt's Pure Middlings	Voigt Milling Co	Grand Rapids, Mich.	15.76	14.00	4.72	4.00	.....	8.00
Voigt's Pure Mixed Feed	Voigt Milling Co	Grand Rapids, Mich.	14.49	14.00	4.10	4 00	.....	10.00
Mill Run Bran Mixed Feed	Waggoner-Gates Milling Co	Independence, Mo...	18.21	15 00	4.36	3.00	....	9.00
Spring Wheat Bran.	Western Canada Flour Mills Co.	Canada	15 33	14.50	5.78	4 00	....	11 00
Black Hawk Wheat Bran	Western Flour Mills Co	Davenport, Iowa	14.54	14.50	4.48	4 00	.....	11 00
Kent Mixed Feed (winter wheat).	The Williams Bros. Co.	Kent, Ohio	14.80	12.00	4.07	2.00	.....	15 00
Pure Hard Wheat Adrian Red Dog Flour	Washburn-Crosby Co	Minneapolis, Minn..	17.08	17.00	5 22	5.00	2.35	4.00
Selected Wheat Arlington Flour.	Washburn-Crosby Co	Minneapolis, Minn..	15.59	.....	4.19	.....	.....	.....
Washburn-Crosby Co.'s Pure Rye Middlings	Washburn-Crosby Co	Minneapolis, Minn..	16.64	14.00	3.75	3.00	....	6.00

Name of Sample.	Manufactured by	Address.	Protein.		Fat.		Crude Fibre.	
			Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.
WHEAT FEEDS.—*Continued.*								
Wheat Bran with Ground Screenings	Washburn-Crosby Co.	Minneapolis, Minn.	14.45	14.50	5.87	4.00	10.17	12.00
Wheat Flour Middlings	Washbury-Crosby Co.	Minneapolis, Minn.	16.20	17.00	5.95	5.00	.....	6.50
Wheat Standard Middlings	Washburn-Crosby Co.	Minneapolis, Minn.	16.20	15.00	5.25	5.00	.....	9.50
COTTONSEED MEALS.								
Dove Brand Prime Cottonseed Meal	F. W. Brode & Co. Inc.	Memphis, Tenn.	38.67	38.63	6.65	6.00	.....	10.00
Owl Brand High Grade Cottonseed Meal	F. W. Brode & Co. Inc.	Memphis, Tenn.	39.84	41.00	7.05	6.00	.....	10.00
Buckeye Prime Cottonseed Meal	Buckeye Cotton Oil Co.	Cincinnati, Ohio	38.44	38.62	6.48	6.00	.....	10.00
Good Luck Brand Cottonseed Meal	S. P. Davis	Little Rock, Ark	34.15	41.00	6.37	6.00	.....	9.00
Gilt Edge Brand Cottonseed Meal	Empire Cotton Oil Co.	.....	40.72	38.00	7.54	6.00	.....	12.00
Dixie Brand Cottonseed Meal	Humphreys-Godwin Co.	Memphis, Tenn.	37.56	38.62	6.54	6.00	.....	12.00
Jersey Brand Cottonseed Meal	Lanier Bros.	Nashville, Tenn.	38.26	38.62	6.92	6.00	.....	10 00
Pilgrim Cottonseed Meal	J. E. Soper Co.	Boston, Mass.	37.91	38.50	7.78	5.00	.....	10.00
Pioneer Cottonseed Meal	J. E. Soper Co.	Boston, Mass.	41.24	41.00	7.10	7.00	.....	10.00
Durjan Brand Choice Cottonseed Meal	Union Brokerage & Commission Co.	New Orleans, La.	41.02	41.00	8.69	7.50	.....	10.00
American Red Tag Cottonseed Meal	Union Seed & Fertilizer Co.	.....	38.18	38.55	7.26	7.00	.....	11.50
CORN AND HOMINY FEEDS.								
Homco Hominy Feed	American Hominy Co.	Indianapolis, Ind.	11.12	10.00	8.53	7.00	4.62	7.00
Homcoline Feed	American Hominy Co.	Indianapolis, Ind.	19.61	17.00	8.23	5.00	5.59	7.00
Hominy Feed	Baltimore Pearl Hominy Co.	.....	12.08	10.00	6.88	6.00	5.11	8.00
Argo Ground Corn Oil Cake	Corn Products Refining Co.	....	25.13	.....	10.08	.....	8 76	.....
Wirthmore Hominy Meal	Chas. M. Cox Co.	Boston, Mass.	11.47	9.50	8.88	7.50	4.56	5.00
Choice Steam Cooked Hominy Feed	Miner-Hillord Milling Co.	Wilkesbarre, Pa.	12.17	10.00	6.18	5.00	.....	5.00
Hominy Feed	The Patent Cereals Co.	Geneva, N. Y.	10 16	10.00	6.78	6.00	4.99	5.00
Yellow Hominy Feed	The Quaker Oats Co.	Chicago, Ill.	11.38	9.00	8.28	4.00	3.97	4.00

CORN AND HOMINY FEEDS.—*Continued.*							
Blue Ribbon Heminy Chop	J. E. Soper Co.	Boston, Mass.	11.99	10.00	6.11	6.00	5.00
Acme Hominy Feed	Suffern-Hunt Mills		10.24	9.50	8.79	7.00	5.13	7.00
MOLASSES FEEDS.							
Sucrene Dairy Feed	American Milling Co.	Peoria, Ill.	17.00	16.50	5.75	3.50	12.10	12.00
Iroquois Dairy Feed	Buffalo Cereal Co.	Buffalo, N. Y.	17.16	17.00	3.46	4.00	9.46	10.00
Chesbro's Corn and Oats Molasses	Chesbro Milling Co.	Salamanca, N. Y.	10.90	9.00	3.20	3.00	6.74	8.00
Clover Leaf Dairy Feed	Clover Leaf Milling Co.	Buffalo, N. Y.	18.56	16.50	6.04	3.50	10.30	12.00
Climax Dairy Feed	International Sugar Feed Co.	Minneapolis, Minn.	13.14	12.50	4.91	4.00	14.40	12.00
International Hog Feed	International Sugar Feed Co.	Minneapolis, Minn.	21.89	22.50	5.65	5.00	12.96	12.00
International Special Dairy Feed	International Sugar Feed Co.	Minneapolis, Minn.	15.32	15.00	5.60	4.50	13.79	12.00
International Special Dan Patch Horse Feed	International Sugar Feed Co.	Minneapolis, Minn.	11.20	9.00	3.27	3.00	13.88	15.00
Molassine Meal	Molassine Co.	Boston, Mass.	8.80	7.00	1.01	.50	6.94	7.00
Quaker Dairy Feed with Molasses	Quaker Oats Co	Chicago, Ill.	14.54	16.00	5.27	4.00	14.78	14.50
Protena Dairy Feed	Ralston Purina Co. Inc	St. Louis, Mo.	16.76	16.50	4.63	3.50		12.00
Purina Sweet Feed	Ralston Purina Co. Inc	St. Louis, Mo.	9.19	9.00	1.64	1.00	22.61	18.00
Hammond Dairy Feed	Western Grain Products Co.	Hammond, Ind.	16.64	16.50	6.21	3.50	13.02	11.00
Xtra-Vim Feed	Xtravim Molasses Feed Co.	Boston, Mass.	4.40	4.61	1.35	.81	5.10	4.50
POULTRY FEEDS.							
Blatchford's Fill the Basket Egg Mash	Blatchford Calf Meal Factory	Waukegan, Ill.	19.00	19.00	4.89	4.00	8.24	10.00
Bufeeco Poultry Mash	Buffalo Cereal Co.	Buffalo, N. Y.	16.81	15.00	5.86	4.00	5.42	6.00
Wirthmore Growing Feed	Chas. M. Cox Co.	Boston, Mass.	14.36	15.00	4.31	4.50		4.50
Wirthmore Poultry Mash	Chas. M. Cox Co.	Boston, Mass.	15.24	12.00	2.87	3.00		9.50
Wirthmore Poultry Mash	Chas. M. Cox Co.	Boston, Mass.	18.65	17.00	3.97	4.00	6.30	9.50
Globe Egg Mash	The Albert Dickinson Co.	Chicago, Ill.	16.02	16.00	5.29	3.00	6.90	10.00
Queen Poultry Mash	The Albert Dickinson Co.	Chicago, Ill.	11.73	11.00	4.56	2.50	6.40	10.00
Purity Growing Feed	Wm. L. Hills Co.	Boston, Mass.	18.56	19.20	6.96	6.70		7.90
Purity Poultry Mash	Wm. L. Hills Co.	Boston, Mass.	19.00	18.00	6.27	4.00		10.00
Larro Mash	The Larrowe Milling Co.	Detroit, Mich.	26.02	25.00	3.41	3.00		10.00
Poultry Mash	McQuesten & Lewis	Manchester, N. H.	20.14	11.00	5.19	2.50		7.00
Growing Feed	The Park & Pollard Co.	Boston, Mass.	11.60	10.00	3.43	3.50		8.00
Lay or Bust Dry Mash Feed	The Park & Pollard Co.	Boston, Mass.	20.49	18.00	3.35	3.50	5.47	12.00
Margaret Mahaney's Turkey	The Park & Pollard Co.	Boston, Mass.	12.87	10.00	2.59	3.00		12.00
Champion Egg Mash	Arthur E. Pratt Co. Inc		15.24	13.00	4.20	2.00	4.77	4.00
American Poultry Feed	The Quaker Oats Co.	Chicago, Ill.	13.23	12.00	4.53	3.50		9.00
Quaker Poultry Mash	The Quaker Oats Co.	Chicago, Ill.	20.66	17.50	5.90	4.00	8.40	10.00
Purina Chicken Chowder Feed	Ralston Purina Co. Inc	St. Louis, Mo.	19.18	17.00	4.95	3.00	7.67	8.00
Dry Mash	Stratton & Co.	Concord, N. H.	18.65	18.00	3.95	3.50		9.00
Mash Feed	Stratton & Co.	Concord, N. H.	16.70	16.00	4.65	3.00		10.00
Camp's Little Wonder Chop Feed	The Toledo Grain & Mill. Co.		9.81	7.00	3.84	3.00	8.64	9.00

Name of sample.	Manufactured by	Address.	Protein.		Fat.		Crude Fibre.	
			Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.
COMPOUNDED FEEDS.								
Pennant Stock Feed	E. W. Bailey & Co	Swanton, Vt.	10 59	10.00	7.00	6.50	9.91	10.00
Bufceco Creamery Feed	Buffalo Cereal Co	Buffalo, N. Y.	20.40	18 00	5.94	4.00	11.10	9.00
Bufceco Horse Feed	Buffalo Cereal Co	Buffalo, N. Y.	12.43	10.00	4.69	4.00	11.05	9.00
Bufceco Steam Cooked Feed	Buffalo Cereal Co	Buffalo, N. Y.	10.51	8.00	5 61	4.00	7.92	9.00
Creamal Dairy Feed	Chesbro Milling Co., Inc	Salamanca, N. Y.	17.08	16.00	5 37	4 00	10.12	11.00
Wirthmore Balanced Ration for Milch Cows	Chas. M. Cox Co	Boston, Mass	24.69		5 54		10.39	
Wirthmore Stock Feed	Chas. M. Cox Co	Boston, Mass	10.42	9.00	7.02	4.00	9.47	9.52
Crosby's Ready Ration	E. Crosby & Co	Brattleboro, Vt	25.79	25.00	7.89	7.00		9.00
Crosby's Special Stock Feed	E. Crosby & Co	Brattleboro, Vt.	10.68	10.00	4 86	4.00	11.69	12.75
Crosby's Stock Food	E. Crosby & Co	Brattleboro, Vt	10.77	9.00	6.27	4.00	10.51	10.00
Dewey's Ready Ration	The Dewey Bros. Co		24.61	25 00	8.39	6.00	10.13	10.00
Dewey's Stock Feed	The Dewey Bros. Co		14.45	11 00	6.04	3.50	11.98	12.00
White Cross Stock Feed	The Albert Dickinson Co	Chicago, Ill	10.03	10 00	4.26	3.50	4.79	10.00
Elmore's Milk Grains	Elmore Milling Co	Oneonta, N. Y.	25.10	25.00	6.91	6.00		10.00
Grandin's Stock Food	D. H. Grandin Milling Co	Jamestown, N. Y.	9.98	8.50	5 57	3.50	10 97	10.00
Xtragood Stock Feed	Griswold & McKinnon	St. Johnsbury, Vt.	11.12	10.00	4.38	3.25	11.61	
Haskell's Stock Feed	W. H. Haskell & Co	Toledo, Ohio	10.33	8 00	7.85	4.00	9 21	8.00
Sterling Feed	Indiana Milling Co	Terre Haute, Ind	10.33	10.00	2.89	3.00	17.03	16.00
Larro Feed	The Larrowe Milling Co	Detroit, Mich	21.10	19 00	3.95	3 00	12.25	14.00
Mingo Larrowe's High Prot. Feed	The Larrowe Milling Co	Detroit, Mich	25.13	25 00	4.45	4.00	12.89	12.00
Park & Pollard's Stock Feed	The Park & Pollard Co	Boston, Mass	10.85	9.00	5.28	3.00	9.62	12.00
CXX Feed	Postum Cereal Co	Battle Creek, Mich.	16.81	15.00	2.68	2.00		24.00
Blue Ribbon Dairy Feed	The Quaker Oats Co	Chicago, Ill	26.79	25.00	4.57	3.50		12.00
Daisy Dairy Feed	The Quaker Oats Co	Chicago, Ill	17.95	16.00	3.90	4.50	12.49	14.50
Green Cross Horse Feed	The Quaker Oats Co	Chicago, Ill	10.51	10.00	3 25	2.50	11.96	12.00
Schumacher Feed	The Quaker Oats Co	Chicago, Ill	10.86	10.00	3.73	3.25	11.44	10.00
Victor Feed	The Quaker Oats Co	Chicago, Ill	8.14	8.00	3 04	9.00	13.06	12.00
White Diamond Feed	The Quaker Oats Co	Chicago, Ill	8.67	8.00	3.13	3.25	10.31	9.00
Purina Cow Chow Feed	Ralston-Purina Co., Inc	St. Louis, Mo.	24.09	24.00	5 46	5.00		12 00
Star Feed	Toledo Elevator	Indianapolis, Ind.	8.67	7.00	6.37	5.50	11.17	12.50
R-E-A-L A Balanced Ration for Dairy Cows	F. B. Spaulding Co	Lancaster, N. H.	25.48	24.00	6.53	6.00	5.72	6.00

COMPOUNDED FEEDS.—*Cont'd.*							
Stock Economy Feed	Strafford-York Grain Co.		9.16	9.00	4.90	4.00	10.17	11.00
Winner Chop Feed	David Stott	Detroit, Mich.	10.86	8.00	5.29	5.00		10.00
Union Grains (Ubico)	The Ubico Milling Co.	Cincinnati, Ohio	25.25	24.00	7.32	7.00		9.00
Ubico Horse and Stock Feed	The Ubico Milling Co.	Cincinnati, Ohio	17.25	16.00	6.60	6.00	8.87	9.00
Blue Grass Valley Feed	A. Waller & Co.	Henderson, Ky.	14.99	9.00	2.72	2.00	15.78	17.00
Hammond Horse Feed	The Western Grain Products Co.	Hammond, Ind.	15.76	12.00	4.25	2.00	10.38	11.00
Very Best Stock Food	The F. F. Woodward Co.	Fitchburg, Mass.	10.50	8.50	6.35	3.50	10.70	10.00
ALFALFA MEALS.								
Alfalfa Meal	The Albert Dickinson Co.	Chicago, Ill.	14.19	12.00	2.32	1.00	35.20	35.00
Pioneer Alfalfa Meal	Kornfalfa Feed Milling Co.	Kansas City, Mo.	12.40	12.00	2.16	1.50		35.00
Purina Alfalfa Meal	Ralston Purina Co., Inc.	St. Louis, Mo.	11.82	14.00	1.96	1.50	29.73	28.00
Red Star Brand Alfalfa Meal	Somers & Co.	San Francisco, Cal.	16.42	16.60	2.50	1.40		29.50
Ground Alfalfa	Sperry Flour Co.	Stockton, Cal.	15.06	14.00	2.37	1.50		28.50
Pure Dustless Alfalfa Meal	The Otto Weiss Alfalfa Stock Feed Co.	Wichita, Kan.	15.85	14.00	2.89	1.50		30.00
Pure Alfalfa Meal	E. J. Woolworth	Kearney, Neb.	16.81	15.00	2.48	2.50		27.50
CALF MEALS.								
Blatchford's Calf Meal	Blatchford Calf Meal Factory.	Waukegan, Ill.	23.47	24.00	5.59	5.00		6.75
Blatchford's Milk Mash	Blatchford Calf Meal Factory.	Waukegan, Ill.	20.14	20.00	4.96	4.00	6.84	7.50
Grofast Calf Meal	International Stock Feed Co.	Minneapolis, Minn.	25.92	25.00	6.24	5.00		10.00
Schumacher Calf Meal	Quaker Oats Co.	Chicago, Ill.	19.53	19.00	8.82	8.00	2.07	3.00
Ryde's Cream Calf Meal	Ryde & Co.	Chicago, Ill.	25.31	25.00	5.30	5.00		6.00
BEET PULPS.								
Dried Beet Pulp	Continental Sugar Co.	Detroit, Mich.	8.41	8.00	.70	.50		20.00
Dried Beet Pulp	Holland-St. Louis Sugar Co.		8.41	8.00	.46	.50		20.00
Dried Beet Pulp	The Larrowe Milling Co.	Detroit, Mich.	3.49	8.00	.81	.50		20.00
Dried Beet Pulp	Menominee River Sugar Co.		8.54	8.00	.57	.50		20.00
Dried Beet Pulp	The Michigan Sugar Co.	Caro, Mich.	8.23	8.00	.86	.50		20.00
Dried Beet Pulp	The Michigan Sugar Co	Alma, Mich.	8.76	8.00	.63	.50		20.00
Dried Beet Pulp	Mt. Clemens Sugar Co.	Mt. Clemens, Mich.	8.58	8.00	.70	.50		20.00
Dried Beet Pulp	Orvosso Sugar Co.	Orvosso, Mich.	8.32	8.00	.57	.50		20.00
Dried Beet Pulp	West Bay City Sugar Co.	Bay City, Mich.	8.85	8.00	.57	.50		20.00
BREWERS' AND DISTILLERS' GRAINS.								
Ajax Flakes	Ajax Milling & Feed Co.	New York, N. Y.	32.35	30.00	13.24	11.00	19.64	14.00
Unicorn Dairy Ration	Chapin & Co.	Hammond, Ind.	26.27	26.00	6.22	5.50	11.99	10.00
Empire State Dairy Feed	Clark Bros. & Co.	Peoria, Ill.	29.20	28.00	10.86	12.00	14.06	12.00
Bourbon D Dewey's Dis. Dried Grains	The Dewey Bros. Co.	Blanchester, Ohio	24.34	24.00	10.10	8.00	14.03	14.00

Name of Sample.	Manufactured by	Address.	Protein.		Fat.		Crude Fibre.	
			Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.
BREWERS' AND DISTILLERS' GRAINS.—*Continued.*								
Corn D Dewey's Distillers' Dried Grains	The Dewey Bros. Co	Blanchester, Ohio	26.01	26.00	16.83	9.00	.....	13.00
Bull Brand Dried Brewers' Grains	Farmers Feed Co	New York, N. Y.	27.93	27.20	6.96	6.30	.....	15.20
Dried Brewers' Grains Bull Brand	Farmers Feed Co	New York, N. Y.	29.16	27.20	6.69	6.30	13.48	17.20
Hector Distillers' Dried Grains	The Hottelet Co.	Milwaukee, Wis.	34.50	30.00	11.06	10.00	12.46	14.00
Holstein Brewers' Dried Grains	The Hottelet Co.	Milwaukee, Wis.	22.54	25.00	6.45	5.00	18.26	14.00
Fourex Distillers' Dried Corn Grains	The Ubico Milling Co.	Cincinnati, Ohio	31.79	31.00	14.19	12.00	12.65	13.00
GLUTEN FEEDS.								
Cream of Corn Gluten Feed	American Maize Products Co.	New York, N. Y.	24.61	23.00	2.58	2.50	6.57	8.50
Continental Gluten Feed	Continental Cereal Co	Peoria, Ill.	28.63	29.00	12.39	10.00	.....	10.00
Buffalo Corn Gluten Feed	Corn Products Refining Co.	New York, N. Y.	27.60	23.00	4.02	1.00	7.22	8.50
Crescent Corn Gluten Feed	Corn Products Refining Co.	New York, N. Y.	26.97	23.00	3.90	1.00	7.47	8.50
Diamond Corn Gluten Feed	Corn Products Refining Co.	New York, N. Y.	40.19	40.00	2.00	1.50	1.78	4.00
Globe Corn Gluten Feed	Corn Products Refining Co.	New York, N. Y.	25.48	23.00	4.68	1.00	6.66	8.50
Clinton Corn Gluten Feed	Clinton Sugar Refining Co.	Clinton, Iowa	25.74	23.00	4.65	3.00	.....	8.00
Douglas Corn Gluten Feed	Douglas Co. (successor)	Cedar Rapids, Ia.	26.36	23.00	2.97	1.00	.....	8.00
KKK Corn Gluten Feed	J. C. Hubinger Bros. Co.	Keokuk, Ia	23.73	23.00	4.59	2.40	.....	7.50
Jenks Corn Gluten Feed	The Huron Milling Co.	Harbor Beach, Mich.	25.30	22.25	4.11	3.00	6.98	8.00
FLAXSEED MEALS.								
Cleveland Flaxmeal	The American Linseed Co.	Chicago, Ill.	39.05	36.00	2.57	2.00	.....	9.00
Linseed Oil Meal	The American Linseed Co.	Chicago, Ill.	37.91	36.00	2.54	2.00	.....	9.00
Old Process Oil Meal	The American Linseed Co.	Chicago, Ill.	36.78	34.00	6.38	5.00	.....	8.00
Old Process Linseed Oil Meal	The American Linseed Co.	Chicago, Ill.	30.74	34.00	5.48	5.00	.....	8.00
Amco Old Process Linseed Meal	American Milling Co.	.....	30.29	30.00	7.04	5.00	.....	10.00
Old Process Linseed Oil Meal	Engle Ryan & Co.	.....	30.38	30.00	5.52	7.00	.....	10 00
Pure (Old Process) Oil Meal	Kelloggs & Miller	Amsterdam, N. Y.	35.11	32.37	5.82	4.70	.....	6.90
Pure Old Process Oil Meal	Spencer Kellogg & Sons, Inc.	.....	33.19	33.00	6.61	5.00	.....	10.00
Old Process Oil Meal	Toledo Seed & Oil Co.	Toledo, Ohio	32.14	30.00	6.45	5.00	.....	10.00

POULTRY FEEDS.								
A. A. Pure Ground Meat Scraps	Am. Agri. Chemical Co.	New York, N. Y.	60.42	55.00	11.29	10.00		
Fish Scraps	American Glue Co	Boston, Mass	51.31	50.00	2.43	2.00		
Beach's Star Brand Meat & Bone Meal	Beach Soap Co	Lawrence, Mass	30.56	30.00	8.65	10.00		
Star Brand Pure Ground Beef Scraps	Beach Soap Co	Lawrence, Mass.	42.73	40.00	10.83	15 00		
Ground Beef Scraps	Joseph Breck & Sons	Boston, Mass	43.34	43.00	15.61	12.00		
Burlington Poultry Feed	Burlington Rendering Co	Burlington, Vt	35.46	40.00	13.92	8.00		
Dow's Favorite Poultry Meal	John C. Dow Co	Boston, Mass	31.02	30.00	12.87	10.00		
Ground Beef Scraps	John C. Dow Co	Boston, Mass	43.10	43.00	15.42	12.00		
Greene's Old Fashioned Meat Scraps	Greene Chicken Feed Co.	Marblehead, Mass.	32.66	35.00	10.02	5 00		
Meat Scraps	W. D. Higgins	Framingham, Mass.	36.35	40.00	15.83	12.00		
Hinckley Poultry Feed	Hinckley Rendering Co.	Somerville, Mass.	39.84	35.00	12.98	8.00		
Hinckley Poultry Feed	Hinckley Rendering Co.	Somerville, Mass.	38.18	35.00	11.53	8.00		
Red Star Brand Fish Scraps	International Glue Co.	Boston, Mass	50.88	45.00	1.60	2.00		
Beef Scraps	A. Lord & Co	Chelsea, Mass	29.07	30.00	15.86	17.00		
Lowell Bone Meal for Cattle and Poultry	Lowell Fertilizer Co.	Boston, Mass	19.09	20.00	11.15	5.00		
Peerless Poultry Feed	Lowell Rendering Co.	Lowell, Mass	43.95	40.00	12.56	8.00		
Manchester Poultry Feed	Manchester Rendering Co.	Manchester, N. H.	45.44	40.00	12.36	8.00		
Manchester Cracked Bone for Poultry	Manchester Rendering Co.	Manchester, N. H.	25.83	20.00	5.42	5.00		
Marsh's Pure Ground Scraps	Geo. E. Marsh Co.	Lynn, Mass.	40.10	40.00	12.10	10.00		
Ground Meat Scraps	Carroll S. Page	Hyde Park, Vt.	43.52	40.00	12.60	15.00		
Blue Ribbon Meat Scraps	The Park & Pollard Co.	Boston, Mass	41.94	45.00	10.52	13.00		
Portland Bone Meal for Cattle and Poultry	Portland Rendering Co.	Portland, Me	22.59	20.00	7.73	5.00		
Portland Poultry Feed	Portland Rendering Co.	Portland, Me.	40.37	40 00	12.81	8.00		
Shay's Pure Ground Beef Scraps	C. M. Shay Fertilizer Co.	Groton, Conn	38.96	40.00	15.53	10 00		
Animal Meal	Whitman & Pratt Rend'ring Co	Lowell, Mass	36 43	33 00	10.93	10 00		
Whitman & Pratt's Beef Scraps	Whitman & Pratt Rend'ring Co	Lowell, Mass	44.30	45.00	10.62	10.00		
Bone Meal for Cattle and Poultry	Worcester Rendering Co.	Auburn, Mass	24.78	20.00	5.77	5.00		
OAT FEEDS.								
Provender	I. C. Richardson	Littleton, N. H.	9.63		4.00		6 62	
Oat Feed	Robin Hood Mills, Ltd	Moose Jaw, Can.	7.79	5.25	3.10	2 50	24.60	28.00
Reground Oat Hulls	Western Canada Flour Mills Co., Ltd	Canada	6.20	4.76	2.94	2.25	26.82	27.00

CERTIFIED COMPOSITION OF COMPOUNDED BRANDS.

NAME.	MANUFACTURED BY.	ADDRESS.	CERTIFIED TO CONTAIN.
CORN AND HOMINY FEEDS.			
Homco Hominy Feed	American Hominy Company	Indianapolis, Ind.	Bran, coating, the germ and a part of the starchy portion of the corn kernel obtained from the manufacture of hominy grits.
Homocoline Feed	American Hominy Company	Indianapolis, Ind.	Corn germ meal.
Argo Corn Oil Cake Meal	Corn Products Refining Company	New York	Corn oil cake meal.
Choice Steam-Cooked Hominy Feed	Minor-Hillard Company	Wilkesbarre, Pa.	White corn.
Hominy Feed	The Patents Cereals Company	Geneva, N. Y.	Corn.
Blue Ribbon Hominy Chop	J. E. Soper Company	Boston, Mass.	By-product pure white corn.
MOLASSES FEEDS.			
Sucrene Dairy Feed	American Milling Company	Peoria, Ill.	Not given.
Iroquois Dairy Feed	Buffalo Cereal Company	Buffalo, N. Y.	Ground corn, wheat bran and middlings, corn gluten feed and alfalfa meal.
Clover Leaf Dairy Feed	Clover Leaf Milling Company	Buffalo, N. Y.	Cottonseed meal, corn gluten feed, mixed broken grains consisting of wheat, corn, barley, flax, spelts, ground grain screenings, cocoa shell meal, clipped oat by-product, molasses, and one-half per cent. of salt.
Climax Dairy Feed	International Sugar Feed Company	Minneapolis, Minn.	Cottonseed meal, cane molasses, ground cleaned grain screenings, ground clipped oat by-product, salt.
International Hog Feed	International Sugar Feed Company	Minneapolis, Minn.	Ground barley, ground wheat, ground oats, ground grain screenings and tankage.
International Special Dairy Feed	International Sugar Feed Company	Minneapolis, Minn.	Cottonseed meal, cane molasses, ground cleaned grain screenings, ground clipped oats by-products, salt.
International Special Dan Patch Horse Feed	International Sugar Feed Company	Minneapolis, Minn.	Cracked corn, molasses, oats and barley, ground alfalfa and salt.
Quaker Dairy Feed with Molasses	The Quaker Oats Company	Chicago, Ill.	Molasses, malt sprouts, cottonseed meal, ground grain screenings, New Process linseed oil meal, oatmeal mill by-product (oat middlings, oat hulls, oat shorts), ½ of 1% salt.
Hammond Dairy Feed	Western Grain Products Company	Hammond, Ind.	Cottonseed meal, corn distillers' grains, malt sprouts, ground clipped oat by-product, ground grain screenings, molasses and salt.
Xtravim Feed	**Xtravim Molasses Feed Company**	**Boston, Mass.**	**Pure cane sugar molasses, Sphagnum moss.**

POULTRY FEEDS.		
Bufceco Poultry Mash	Buffalo Cereal Company, Buffalo, N. Y.	Ground corn, wheat bran and middlings, hominy feed, corn gluten feed, oat middlings and rolled oats.
Purity Poultry Mash	William L. Hills Company, Boston, Mass.	Beef scraps, linseed meal, alfalfa meal, fish meal, wheat bran, corn products, ground oats, ground barley.
Growing Feed	The Park & Pollard Company, Boston, Mass.	Ground: Corn, wheat, barley, oats, meat, bone, alfalfa, kaffir corn, wheat bran, wheat middlings, buckwheat, beet pulp, calcium carbonate and salt.
Lay or Bust (Dry Mash)	The Park & Pollard Company, Boston, Mass.	Ground wheat bran, wheat middlings, corn, wheat, oats, barley, kaffir corn, buckwheat, alfalfa, fish, meat, bone, beet pulp, calcium carbonate and salt.
American Poultry Feed	The Quaker Oats Company, Chicago, Ill.	Hominy feed, cottonseed meal, ground barley, wheat mixed feed and rye shorts.
Quaker Poultry Mash	The Quaker Oats Company, Chicago, Ill.	Meat scraps, oatmeal, wheat bran, with ground screenings not exceeding mill run, alfalfa meal, yellow hominy feed, corn gluten feed, ground grain screenings.
Mash Feed	Stratton & Company, Concord, N. H.	Wheat bran, wheat middlings, alfalfa meal, ground corn bran, corn feed meal, oil cake, meat scraps, salt.
CATTLE AND HORSE FEEDS.		
Bufceco Creamery Feed	Buffalo Cereal Company, Buffalo, N. Y.	Ground corn, wheat bran and middlings, hominy feed, corn gluten feed, cottonseed meal, oat shorts, oat middlings, oat hulls, ½ of 1% salt.
Bufceco Horse Feed	Buffalo Cereal Company, Buffalo, N. Y.	Ground oats, corn and barley, wheat middlings, hominy feed, oat shorts, oat middlings, oat hulls, linseed meal, corn gluten feed.
Bufceco Steam Cooked Feed	Buffalo Cereal Company, Buffalo, N. Y.	Ground oats, hominy feed, oat shorts, oat middlings, oat hulls and ½ of 1% salt.
Elmore Milk Grains	Elmore Milling Company, Oneonta, N. Y.	Corn distillers' dried grains, 41% cottonseed meal, Old Process linseed meal, corn gluten feed, hominy meal, choice wheat bran, barley malt sprouts, dried brewers' grains, salt.
Grandin's Stock Food	D. H. Grandin Milling Company, Jamestown, N. Y.	Corn, hominy feed, oat hulls, corn oil meal, gluten feed, salt.
Haskell's Stock Feed	W. H. Haskell & Company, Toledo, O.	Ground corn, ground oats, hominy feed, oat hulls, oat shorts and salt.

NAME.	MANUFACTURED BY.	ADDRESS.	CERTIFIED TO CONTAIN.
Larro Feed	The Larrowe Milling Company	Detroit, Mich.	Cottonseed meal, corn gluten feed, dried distillers' grains (mainly from corn), dried beet pulp, wheat bran, wheat middlings, and ¾ of 1% salt. Wheat bran and wheat middlings may contain "ground screenings not exceeding mill run."
The Park & Pollard Co.	The Park & Pollard Company	Boston, Mass.	Ground: corn, hominy feed and oat feed.
Blue Ribbon Dairy Feed	The Quaker Oats Company	Chicago, Ill.	Ground corn, hominy meal, ground barley, wheat flour, wheat middlings, cottonseed meal, oatmeal mill by-product (oat middlings, oat hulls, oat shorts) ½ of 1% salt, ground puffed rice, ground puffed wheat.
Green Cross Horse Molasses Mixed Feed	The Quaker Oats Company	Chicago, Ill.	Alfalfa meal, ground corn, crushed oats, cottonseed meal, molasses, oatmeal by-product (oat middlings, oat hulls, oat shorts), ½ of 1% salt.
Schumacher Feed	The Quaker Oats Company	Chicago, Ill.	Ground corn, hominy feed, ground barley, wheat flour, wheat middlings, cottonseed meal, oatmeal mill by-product (oat middlings, oat hulls, oat shorts), ½ of 1% salt, ground puffed rice, ground puffed wheat.
Victor Feed	The Quaker Oats Company	Chicago, Ill.	Ground corn, hominy feed, Excelsior feed, Durham feed.
White Diamond Feed	The Quaker Oats Company	Chicago, Ill.	Ground corn, hominy feed, oatmeal mill by-product (oat middlings, oat hulls, oat shorts), ½ of 1% salt.
Stott's Winner Feed	David Stott Flour Mills	Detroit, Mich.	Corn meal, oats, ground wheat screenings, oat hulls and salt.
Union Grains, Ubico, Bills' Ready Dairy Ration	The Ubico Milling Company	Cincinnati, O.	Fourex (corn) distillers' dried grains, choice cottonseed meal, Old Process linseed meal, white wheat middlings, winter wheat bran, hominy meal, brewers' dried grains, barley malt sprouts and ½ of 1% of fine table salt.
Blue Grass Valley Feed	A. Waller & Company	Henderson, Ky.	Winter wheat bran, winter wheat middlings, ground corn and cob.
Hammond Horse Feed	Western Grain Products Company	Hammond, Ind.	Crushed corn, rolled oats, ground barley screenings, linseed meal, molasses and salt.
Ryde's Cream Calf Meal	Ryde & Company	Chicago, Ill.	Carob beans, flaxseed, wheat flour, cottonseed meal, beans and lentils, fenugreek, anise, cocoa meal, trace of salt.